# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 16 Oct 2023 until 23:59 on Tuesday 17 Oct 2023

Forecast Issued on Sunday 15 Oct 2023 at 14:36

**Confidence:** High becoming Medium in details from Wednesday and Low on Friday.

**Headline for Monday 16 Oct 2023:** Dry and bright with a chilly start.

**Mountain weather hazards on Monday 16 Oct 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>No Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>No Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Clear night | Clear night | Partly cloudy (night) | Sunny intervals | Sunny intervals | Sunny intervals | Clear night | Clear night |
| Precipitation probability | | | | | | | |
| 00% | 00% | 00% | 00% | 00% | 00% | 00% | 00% |

**Forecast for Monday 16 Oct 2023**

**Weather:** Dry overnight with clear spells with patchy mist and frost possible in the dales. This will leave a dry and bright day with sunny spells, although the sunshine could be hazy. Staying dry with clear spells in the evening.

**Chance of cloud-free hill tops above 600m:** 95% or more

**Low Cloud and visibility:** No significant cloud expected. Visibility very good, except in any early mist in the dales.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Monday 16 Oct 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/8 W | 4/6 SW | 4/5 SE | 4/6 SE | 5/9 S | 6/9 S | 6/9 SE | 5/10 E | 5/10 E |
| **300** | 2/5 NW | 1/4 E | 1/4 E | 2/5 SE | 5/8 S | 5/9 SE | 3/8 E | 4/9 E | 4/8 E |
| **Valley** | 2/3 E | 2/4 E | 2/4 E | 2/5 E | 3/6 S | 3/7 SE | 4/8 E | 5/10 E | 6/11 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/2 | 3/2 | 3/2 | 4/3 | 6/4 | 6/4 | 4/2 | 3/0 | 2/-0 |
| **300** | 3/2 | 3/2 | 2/1 | 6/5 | 8/7 | 8/7 | 4/3 | 3/1 | 2/0 |
| **Valley** | 4/4 | 5/4 | 5/4 | 7/6 | 9/9 | 10/10 | 6/5 | 5/3 | 4/2 |
| **Freezing Level*** | 1100m | 1100m | 1000m | 1000m | 1000m | 1000m | 1000m | 1000m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Temperatures lower in the valleys around dawn with a frost possible.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 15 Oct 2023 | 1.2mm | 1.8mm | 8.2mm |

**Forecast for Tuesday 17 Oct 2023**

**Weather:** Clear spells overnight with patchy mist and frost possible in the dales. The will lead to another dry and bright day with any sunshine rather hazy. Winds freshening during the day.

**Maximum wind:** East or SE 10 to 15mph increasing 25mph gusting 35mph by evening.

**Chance of cloud-free hill tops above 600m:** 80%

**Low Cloud and visibility:** Generally no significant low expected, but patches, base 400 to 600m, possible in the east. Visibility very good, except in any mist and patchy cloud.

**Temperature:** **Valleys:** Zero Celsius rising to plus 12 Celsius
**At 600m:** Zero Celsius rising to plus 6 Celsius
**Freezing level:** Most levels around dawn, rising above the summits by afternoon.

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